



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
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647.7713

Job Sheet 188349



Part No: 647.7713

Job Qty: 10 pcs

Part Name: Strut Thread



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/8/19

Job Tracking No:

Due Date: 1/25/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV A2 IPP REV:A NEW ISSUE 12-11-06 JLM VERIFIED BY:DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Hardinge - 1	10 pcs	1/25/19	1/25/19	0.01	3.10	Hardinge - 1		JSD 1/11/19
110	QC 2	10 pcs	1/25/19	1/25/19	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 38		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 54		
							QC 2 - 56		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		
							QC 2 - 8		
120	QC 8	10 pcs	1/25/19	1/25/19	0.00	0.00	QC 8 - 12		

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

				QC 8 - 14	Enk 19/01/28
				QC 8 - 17	
				QC 8 - 20	
				QC 8 - 25	
				QC 8 - 3	
				QC 8 - 32	
				QC 8 - 33	
				QC 8 - 35	
				QC 8 - 38	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	
				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	
				QC 8 - 1 (A)	
130 Packaging 3-1 - Stock - B4B 10 pcs	1/25/19	0.00 0.00	Packaging 3 - 1 - B4B		
			Packaging 3 - 2 - B4B		
			Packaging 3 - 3 - B4B		
			Packaging 3 - 4 - B4B		
			Packaging 3 - 5 - B4B		
			Packaging 3 - 6 - B4B		
			Packaging 3 - 7 - B4B		
			Packaging 3 - 8 - B4B		
			Packaging 3 - 9 - B4B		
			Packaging 3 - 10 - B4B		
			Packaging 3 - 11 - B4B		
			Packaging 3 - 12 - B4B	A	
			Packaging 3 - 13 - B4B		
			Packaging 3 - 14 - B4B		
			Packaging 3 - 15 - B4B		
			Packaging 3 - 16 - B4B		
			Packaging 3 - 17 - B4B		
			Packaging 3 - 18 - B4B		
			Packaging 3 - 19 - B4B		
			Packaging 3 - 20 - B4B		
			Packaging 3 - 21 - B4B		
			Packaging 3 - 22 - B4B		
			Packaging 3 - 23 - B4B		
			Packaging 3 - 24 - B4B		
			Packaging 3 - 25 - B4B		
			Packaging 3 - 26 - B4B		
			Packaging 3 - 27 - B4B		
			Packaging 3 - 28 - B4B		
			Packaging 3 - 29 - B4B		
			Packaging 3 - 30 - B4B		
			Packaging 3 - 31 - B4B		
			Packaging 3 - 32 - B4B		
			Packaging 3 - 33 - B4B		
			Packaging 3 - 34 - B4B		
			Packaging 3 - 35 - B4B		
			Packaging 3 - 36 - B4B		
140 QC 21 - SA	10 pcs	1/25/19	0.00 0.00	QC 21 - SA - 21	DAS 21 JAN 2 9 2019
				QC 21 - SA - 70	9-89
Part Op 100 - (Hardinge) Machine as per folio FB149 Descriptions: 110 - (QC2- Inspect parts off machine FAI/FAIB)					

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

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Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled		FAULT CATEGORY ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

120 - (QC8- Inspect parts - second check)

130 - (Identify as per dwg & Stock Location: _____) ***COAT PARTS IN OIL BEFORE PUTTING THEM IN A BAG TO PREVENT FROM RUSTING***

140 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M4130NR0.375	4130 Steel Round Bar .375"	2 ft (.2 ea)	100-Hardinge - 1	500767

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Hardinge - 1	M4130NR0.375	2	52	0

Part Specifications

Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Strut Thread	1.250inches $\pm$ 0.030	1.280 1.220		
2	Strut Thread	0.500inches $\pm$ 0.030	0.530 0.470		
3	Strut Thread	0.650inches $\pm$ 0.030	0.680 0.620		
4	Strut Thread	0.324inches $\pm$ 0.010	0.334 0.314	Diameter	

Plex 1/8/19 1:39 PM Dart.lajeunesse.marie

Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE



NCR No. _____

Route update only ☐

Job: _____

Part No. _____

☐	Engineering	☐
☐	Water Jet	☐
☐	Supplier	☐
☐	Quality	☐

Date : _____

Sequence _____

Description Work Order _____

Dart Aerospace Ltd.
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Newbury, ON K6A 1K7
CANADA
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Email: sales@dartaero.com
www.dartaerospace.com



Container No: S146774



Part: 647.7713

Job No: 188349

Serial No/Batch: S146774

Revision: _____

Inspector: _____

Exp Date: _____

Instructions: _____

Date: 01/22/19

MRB (QSI042)

Completed By _____

Lead hand / Supervisor _____

QC / QA Coordinator _____

Root Cause

Operator	☐
Manufacturing Process	☐
Equip/Tooling	☐
Handling/Presservation	☐
Material	☐
Product Improvement	☐
Process Improvement	☐
Human Factors	☐

FAULT CATEGORY

☐ Pressure/Forced	☐ Contamination	☐ Power Loss/Surge	☐ Positioned Wrong
☐ Bending	☐ Misaligned/off center	☐ Folio/Program	☐ Outside Tolerance
☐ Crushing	☐ BOM/Route	☐ Grain Direction	☐ Drawing
☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Finish
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☐ Marks/Chatter	☐ Drill Holes	☐ Out of Sequence	☐ Misread
☐ Mislabeled	☐ Fit/Function	☐ Off-set/Set-up	

Other/Details: _____